



Attorney's Docket No.: 05542-39000

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jianshe Tang, et al.

Art Unit : 3723

Serial No. : 09/611,247

Examiner : Timothy V. Eley

Filed : July 7, 2000

Title : CARRIER HEAD WITH A MODIFIED FLEXIBLE MEMBRANE

Handwritten signature and date: 10/2/03

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Commissioner for Patents
Washington, D.C. 20231

RESPONSE

In response to the action mailed August 22, 2002, please amend the application as follows:

In the claims:

Please cancel claims 16 and 18.

Please amend claim 1, 2, 4, 5, 9, 12 and 17 as follows:

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DEC - 4 2002

TECHNOLOGY CENTER R3700

-- 1. (Amended) A carrier head, comprising:
a retaining ring;
a pressurizable chamber; and
a fluid-tight flexible membrane with an inner surface that forms a boundary of the pressurizable chamber and a rough outer surface to press a substrate against a polishing surface, wherein the outer surface is rougher than the inner surface.

2. (Amended) The carrier head of claim 1, wherein the outer surface of the flexible membrane is sufficiently rough that the substrate does not move relative to the membrane.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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